

| Ref # | Hits | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|------|---|------------------------------|------------------|---------|------------------|
| L3    | 143  | ((370/254-258,310,310.1,310.2,465,466,468,470,471,473,477,545;375/294,295,316;395/200) OR (709/103,104,105,236) OR (714/18,19,33,779,821)). CCLS. AND (half ADJ duplex) AND length AND (@AD<="19980225" OR @PRAD<"19980225" OR @RLAD<"19980225"))   | US-PGPUB;<br>USPAT           | OR               | ON      | 2005/03/03 15:49 |
| L4    | 5081 | ((370/254-258,278,296,310,310.1,310.2,465,466,468,470,471,473,477,545;375/294,295,316;395/200) OR (709/103,104,105,236) OR (714/18,19,33,779,821)).CCLS. AND (@AD<="19980225" OR @PRAD<"19980225" OR @RLAD<"19980225"))   | US-PGPUB;<br>USPAT           | OR               | ON      | 2005/03/03 15:58 |
| L5    | 328  | ((370/254-258,278,296,310,310.1,310.2,465,466,468,470,471,473,477,545;375/294,295,316;395/200) OR (709/103,104,105,236) OR (714/18,19,33,779,821)).CCLS. AND (radio) AND channel AND (utilization OR optimization) AND (station OR length OR priority OR type) AND (@AD<="19980225" OR @PRAD<"19980225" OR @RLAD<"19980225")) | US-PGPUB;<br>USPAT           | OR               | ON      | 2005/03/03 15:58 |
| S6    | 128  | ((simplex ADJ communication)) AND @AD<="19980225"   | US-PGPUB;<br>USPAT           | OR               | ON      | 2004/06/04 15:12 |
| S7    | 3676 | (370/310,465,466,470,477,545;395/200;709/236).CCLS. OR ((simplex adj communic) AND (radio adj channel)) AND @AD<="19980225"   | US-PGPUB;<br>USPAT           | OR               | ON      | 2003/10/29 13:56 |
| S9    | 1    | ("5027348").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2003/10/29 14:09 |
| S10   | 1    | ("5251209").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2003/10/29 14:06 |
| S11   | 1    | ("5513213").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2003/10/30 09:32 |
| S12   | 1    | ("4980886").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2003/10/30 09:52 |
| S14   | 624  | (370/254-258,310,310.1,310.2,465,466,468,470,471,473,477,545;395/200;709/103-105,236).CCLS. AND (radio) AND channel AND @AD<="19980225"   | US-PGPUB;<br>USPAT           | OR               | ON      | 2003/10/31 13:48 |

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| S15 | 178  | (370/254-258,310,310.1,310.2,465,466,468,470,471,473,477,545;395/200;709/103-105,236).CCLS. AND (radio) AND channel AND utilization AND @AD<="19980225"   | US-PGPUB;<br>USPAT   | OR | ON | 2005/02/25 15:44 |
| S16 | 178  | (370/254-258,310,310.1,310.2,465,466,468,470,471,473,477,545;395/200;709/103-105,236).CCLS. AND (radio) AND channel AND utilization AND (station OR length OR priority OR type) AND @AD<="19980225"   | US-PGPUB;<br>USPAT   | OR | ON | 2003/10/31 16:00 |
| S17 | 173  | (370/254-258,310,310.1,310.2,465,466,468,470,471,473,477,545;395/200;709/103-105,236).CCLS. AND (radio) AND channel AND utilization AND (station OR length OR priority OR type) AND (transmit OR receive) AND @AD<="19980225"                   | US-PGPUB;<br>USPAT   | OR | ON | 2003/11/05 13:42 |
| S18 | 205  | (370/254-258,310,310.1,310.2,465,466,468,470,471,473,477,545;395/200;709/103-105,236).CCLS. AND (radio) AND channel AND (utilization OR optimization) AND (station OR length OR priority OR type) AND (transmit OR receive) AND @AD<="19980225" | US-PGPUB;<br>USPAT   | OR | ON | 2004/06/02 16:23 |
| S19 | 1288 | DUP OR DUPHE  | US-PGPUB;<br>USPAT   | OR | ON | 2003/11/03 11:09 |
| S20 | 675  | (DUP OR DUPHE) AND @AD<="19980225"  | US-PGPUB;<br>USPAT   | OR | ON | 2003/11/03 11:32 |
| S21 | 0    | (DUP AND DUPHE) AND @AD<="19980225"   | US-PGPUB;<br>USPAT   | OR | ON | 2003/11/03 11:10 |
| S22 | 0    | ( DUPHE) AND @AD<="19980225"  | US-PGPUB;<br>USPAT   | OR | ON | 2003/11/03 11:12 |
| S23 | 0    | ( DUPHE)  | US-PGPUB;<br>USPAT   | OR | ON | 2003/11/03 11:12 |
| S24 | 0    | DUPHE   | US-PGPUB;<br>USPAT   | OR | ON | 2003/11/03 11:12 |
| S25 | 675  | ("DUP" OR "DUPHE") AND @AD<="19980225"  | US-PGPUB;<br>USPAT   | OR | ON | 2003/11/03 14:13 |
| S26 | 91   | (DUP OR DUPHE) AND @AD<="19980225"  | EPO; JPO;<br>DERWENT | OR | ON | 2003/11/03 12:25 |
| S27 | 1    | "730356".pn.  | EPO                  | OR | ON | 2003/11/03 14:09 |
| S28 | 358  | (DUP.U/C. OR DUPHE.U/C.) AND @AD<="19980225"  | US-PGPUB;<br>USPAT   | OR | ON | 2003/11/04 09:32 |

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| S29 | 11066 | (simplex) AND @AD<="19980225"  | US-PGPUB;<br>USPAT           | OR | ON  | 2003/11/04 09:32 |
| S30 | 1193  | (simplex) AND (priority) AND @AD<="19980225"   | US-PGPUB;<br>USPAT           | OR | ON  | 2003/11/04 09:33 |
| S31 | 1141  | (simplex) AND (priority) AND (type) AND @AD<="19980225"  | US-PGPUB;<br>USPAT           | OR | ON  | 2003/11/04 09:33 |
| S32 | 1114  | (simplex) AND (priority) AND (type) AND (number) AND @AD<="19980225"   | US-PGPUB;<br>USPAT           | OR | ON  | 2003/11/04 09:33 |
| S33 | 855   | (simplex) AND (priority) AND (type) AND (number) AND (length) AND @AD<="19980225"  | US-PGPUB;<br>USPAT           | OR | ON  | 2003/11/04 09:34 |
| S34 | 461   | (simplex) AND (parameter) AND (priority) AND (type) AND (number) AND (length) AND @AD<="19980225"  | US-PGPUB;<br>USPAT           | OR | ON  | 2003/11/04 09:34 |
| S35 | 329   | (simplex) AND (parameter) AND (priority) AND (type) AND (number) AND (length) AND (protocol) AND @AD<="19980225"   | US-PGPUB;<br>USPAT           | OR | ON  | 2003/11/04 09:34 |
| S36 | 15    | (simplex) AND (parameter) AND (priority) AND (type) AND (number) AND (length) AND (packet adj protocol) AND @AD<="19980225"  | US-PGPUB;<br>USPAT           | OR | ON  | 2003/11/04 09:35 |
| S37 | 1     | ("5953641").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2003/11/04 12:15 |
| S38 | 1     | ("4914653").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/06/04 15:09 |
| S39 | 201   | (370/254-258,277,278,296,310,310.1,310.2,465,466,468,470,471,473,477,545;395/200;455/73,91,130;709/103,104,105,236).CCLS. AND (radio) AND channel AND utilization AND @AD<="19980225"                              | US-PGPUB;<br>USPAT           | OR | ON  | 2003/11/05 17:00 |
| S40 | 67    | (370/254-258,277,278,296,310,310.1,310.2,465,466,468,470,471,473,477,545;395/200;455/73,91,130;709/103,104,105,236).CCLS. AND (radio) AND channel AND utilization AND (calculate OR influence) AND @AD<="19980225" | US-PGPUB;<br>USPAT           | OR | ON  | 2003/11/06 14:29 |
| S41 | 1     | ("6016311").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2003/11/07 11:11 |
| S42 | 1     | ("19651593").PN.   | USOCR;<br>EPO;<br>DERWENT    | OR | OFF | 2003/11/07 11:12 |

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| S43 | 163 | (370/254-258,277,278,296,310,310.1,310.2,465,466,468,470,471,473,477,545;371/5.5,32;375/224;395/200;455/39,73,500,502;709/103,104,105,236). CCLS. AND packet AND length AND (utilization OR optimization) AND (parameter OR number OR length OR priority OR type) AND (transmit OR receive) AND (influence OR calculate) AND @AD<="19980225"                     | US-PGPUB;<br>USPAT           | OR | ON  | 2003/11/10 10:15 |
| S44 | 165 | (370/254-258,277,278,296,310,310.1,310.2,465,466,468,470,471,473,477,545;371/5.5,32;375/224;395/200;455/39,73,500,502;709/103,104,105,236;714/708).CCLS. AND packet AND length AND (utilization OR optimization) AND (parameter OR number OR length OR priority OR type) AND (transmit OR receive) AND (influence OR calculate) AND @AD<="19980225"              | US-PGPUB;<br>USPAT           | OR | ON  | 2003/11/10 14:09 |
| S45 | 1   | ("5490168").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2003/11/10 10:18 |
| S46 | 1   | ("4939731").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2003/11/10 10:19 |
| S47 | 1   | ("5828677").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2003/11/10 10:20 |
| S48 | 41  | (370/254-258,277,278,296,310,310.1,310.2,465,466,468,470,471,473,477,545;371/5.5,32;375/224;395/200;455/39,73,500,502;709/103,104,105,236;714/708).CCLS. AND (packet adj length) AND (utilization OR optimization) AND (parameter OR number OR length OR priority OR type) AND (transmit OR receive) AND (influence OR calculate) AND @AD<="19980225"            | US-PGPUB;<br>USPAT           | OR | ON  | 2003/11/10 14:10 |
| S49 | 33  | (370/254-258,277,278,296,310,310.1,310.2,465,466,468,470,471,473,477,545;371/5.5,32;375/224;395/200;455/39,73,500,502;709/103,104,105,236;714/708).CCLS. AND (packet adj length) AND (utilization OR optimization) AND (parameter OR number OR length OR priority OR type) AND header AND (transmit OR receive) AND (influence OR calculate) AND @AD<="19980225" | US-PGPUB;<br>USPAT           | OR | ON  | 2004/06/04 10:45 |
| S50 | 57  | variable AND (packet adj length) AND (utilization OR optimization) AND (parameter OR number OR length OR priority OR type) AND header AND identifier AND (transmit OR receive) AND (influence OR calculate) AND @AD<="19980225"  | US-PGPUB;<br>USPAT           | OR | ON  | 2003/11/10 14:42 |
| S51 | 1   | ("6064678").PN.  | USPAT;<br>USOCR              | OR | OFF | 2003/11/12 08:41 |

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| S52 | 262 | ((370/254-258,310,310.1,310.2,465,466,468,470,471,473,477,545) OR (395/200;709/103,105,236)).CCLS. AND (radio) AND channel AND (utilization OR optimization) AND (station OR length OR priority OR type) AND (@AD<="19980225" OR @RLAD<="19980225" OR @PRAD<="19980225")   | US-PGPUB;<br>USPAT | OR | ON  | 2004/06/02 16:26 |
| S53 | 0   | ((370/254-258,310,310.1,310.2,465,466,468,470,471,473,477,545) OR (395/200;709/103,105,236)).CCLS. AND "short wave" AND (radio) AND channel AND (utilization OR optimization) AND (station OR length OR priority OR type) AND (@AD<="19980225" OR @RLAD<="19980225" OR @PRAD<="19980225")  | US-PGPUB;<br>USPAT | OR | ON  | 2004/06/02 16:27 |
| S54 | 66  | "short wave" AND (radio) AND channel AND (utilization OR optimization) AND (station OR length OR priority OR type) AND (@AD<="19980225" OR @RLAD<="19980225" OR @PRAD<="19980225")   | US-PGPUB;<br>USPAT | OR | ON  | 2004/06/03 11:52 |
| S55 | 87  | "short wave" AND (radio) AND channel AND (half duplex) AND (station OR length OR priority OR type) AND (@AD<="19980225" OR @RLAD<="19980225" OR @PRAD<="19980225")   | US-PGPUB;<br>USPAT | OR | ON  | 2004/06/03 11:54 |
| S56 | 3   | "short wave" AND (radio) AND channel AND "half duplex" AND (station OR length OR priority OR type) AND (@AD<="19980225" OR @RLAD<="19980225" OR @PRAD<="19980225")   | US-PGPUB;<br>USPAT | OR | ON  | 2004/06/03 15:19 |
| S57 | 39  | email AND TCP AND IP AND packet AND network AND transceiver AND (station OR length OR priority OR type) AND (@AD<="19980225" OR @RLAD<="19980225" OR @PRAD<="19980225")  | US-PGPUB;<br>USPAT | OR | ON  | 2004/06/03 15:33 |
| S58 | 1   | ("5809415").PN.  | USPAT;<br>USOCR    | OR | OFF | 2004/06/14 10:11 |
| S59 | 32  | ((370/254-258,277,278,295,296,310,310.1,310.2,465,466,468,470,471,473,477,545) OR (371/5.5,32;375/224;395/200) OR (455/39,73,500,502;709/103,104,105,236;714/708)).CCLS. AND (packet adj length) AND (utilization OR optimization) AND (parameter OR number OR length OR priority OR type) AND header AND (transmit OR receive) AND (influence OR calculate) AND @AD<="19980225" | US-PGPUB;<br>USPAT | OR | ON  | 2004/06/04 11:13 |
| S60 | 47  | ((370/254-258,277,278,295,296,310,310.1,310.2,465,466,468,470,471,473,477,545) OR (371/5.5,32;375/224;395/200;455/39,73,500,502) OR (709/103,104,105,236;714/708)).CCLS. AND "half duplex" AND radio AND (transmit OR receive) AND packet AND @AD<="19980225"  | US-PGPUB;<br>USPAT | OR | ON  | 2004/06/04 11:14 |
| S61 | 220 | ((370/254-258,277,278,296,310,310.1,310.2,465,466,468,470,471,473,477,545) OR (395/200;455/39,73,500,502;709/103,104,105,236)).CCLS. AND (radio) AND channel AND utilization AND (station OR length OR priority OR type) AND (transmit OR receive) AND @AD<="19980225"   | US-PGPUB;<br>USPAT | OR | ON  | 2004/06/14 10:00 |

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| S62      | 1   | ("5737706").PN.  |  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/06/04 15:09 |
| S63      | 3   | (communication) AND (fixed ADJ rate) AND transmit AND receive AND "short wave" AND @AD<="19980225"   |  | US-PGPUB;<br>USPAT           | OR | ON  | 2004/06/04 15:16 |
| S64      | 5   | (communication) AND (fixed ADJ rate) AND transmit AND receive AND "shortwave" AND @AD<="19980225"  |  | US-PGPUB;<br>USPAT           | OR | ON  | 2004/06/04 15:23 |
| S65      | 253 | CDPD AND rate AND radio AND @AD<="19980225"  |  | US-PGPUB;<br>USPAT           | OR | ON  | 2004/06/04 16:13 |
| S66      | 59  | "shortwave radio" AND @AD<="19980225"  |  | US-PGPUB;<br>USPAT           | OR | ON  | 2004/06/04 16:13 |
| S67      | 257 | ((370/254-258,277,278,296,310,310.1,310.2,465,466,468,470,471,473,477,545) OR (395/200;455/39,73,343,466,500,502;709/103,104,105,236)).CCLS. AND (radio) AND channel AND utilization AND (station OR length OR priority OR type) AND (transmit OR receive) AND @AD<="19980225" |  | US-PGPUB;<br>USPAT           | OR | ON  | 2004/06/14 10:08 |
| S68      | 1   | ("6111860").PN.  |  | USPAT;<br>USOCR              | OR | OFF | 2004/06/14 10:09 |
| S69      | 1   | ("4914653").PN.  |  | USPAT;<br>USOCR              | OR | OFF | 2004/06/14 10:09 |
| S70      | 1   | ("6064678").PN.  |  | USPAT;<br>USOCR              | OR | OFF | 2004/06/14 10:11 |
| S10<br>9 | 0   | (370/254-258,310,465,466,470,477,545;375/294,316;395/200;709/236).CCLS. AND ((simplex adj communic) AND (radio adj channel)) AND @AD<="19980225"   |  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/02/25 16:23 |
| S11<br>1 | 0   | (370/254-258,310,310.1,310.2,465,466,468,470,471,473,477,545;395/200;709/103,104,105,236).CCLS. AND ((simplex adj communic) AND (radio adj channel)) AND @AD<="19980225"   |  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/02/25 16:28 |
| S11<br>3 | 176 | ((370/254-258,310,310.1,310.2,465,466,468,470,471,473,477,545;375/294,316;395/200) OR (709/103,104,105,236)).CCLS. AND (half ADJ duplex) AND (@AD<="19980225" OR @PRAD<"19980225" OR @RLAD<"19980225")   |  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/02/28 08:36 |
| S11<br>4 | 0   | (370/254-258,310,310.1,310.2,465,466,468,470,471,473,477,545;395/200;709/103,104,105,236).CCLS. AND ((simplex adj communic) AND (radio adj channel)) AND (@AD<="19980225" OR @PRAD<"19980225" OR @RLAD<"19980225")   |  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/02/28 08:35 |

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| S11<br>5 | 133  | ((370/254-258,310,310.1,310.2,465,466,468,470,471,473,477,545;375/294,316;395/200) OR (709/103,104,105,236)).CCLS. AND (half ADJ duplex) AND length AND (@AD<="19980225" OR @PRAD<"19980225" OR @RLAD<"19980225")                            | US-PGPUB;<br>USPAT | OR | ON  | 2005/02/28 08:36 |
| S11<br>7 | 137  | ((370/254-258,310;310.1,310.2,465,466,468,470,471,473,477,545;375/294,316;395/200) OR (709/103,104,105,236) OR (714/18,19,33,779,821)).CCLS. AND (half ADJ duplex) AND length AND (@AD<="19980225" OR @PRAD<"19980225" OR @RLAD<"19980225")  | US-PGPUB;<br>USPAT | OR | ON  | 2005/03/03 15:49 |
| S11<br>8 | 325  | ((370/254-258,310,310.1,310.2,465,466,468,470,471,473,477,545;375/294,316;395/200) OR (709/103,104,105,236) OR (714/18,19,33,779,821)).CCLS. AND (RF) AND length AND (@AD<="19980225" OR @PRAD<"19980225" OR @RLAD<"19980225")               | US-PGPUB;<br>USPAT | OR | ON  | 2005/02/28 10:00 |
| S11<br>9 | 193  | ((370/254-258,310;310.1,310.2,465,466,468,470,471,473,477,545;375/294,316;395/200) OR (709/103,104,105,236) OR (714/18,19,33,779,821)).CCLS. AND parameter AND (RF) AND length AND (@AD<="19980225" OR @PRAD<"19980225" OR @RLAD<"19980225") | US-PGPUB;<br>USPAT | OR | ON  | 2005/02/28 10:40 |
| S12<br>0 | 246  | parameter AND (RF) AND length AND TCP AND identifier AND (@AD<="19980225" OR @PRAD<"19980225" OR @RLAD<"19980225")   | US-PGPUB;<br>USPAT | OR | ON  | 2005/02/28 11:29 |
| S12<br>1 | 1    | ("5790676").PN.  | USPAT              | OR | OFF | 2005/02/28 11:29 |
| S12<br>2 | 4620 | ((370/254-258,310,310.1,310.2,465,466,468,470,471,473,477,545;375/294,316;395/200) OR (709/103,104,105,236) OR (714/18,19,33,779,821)).CCLS. AND (@AD<="19980225" OR @PRAD<"19980225" OR @RLAD<"19980225")                                   | US-PGPUB;<br>USPAT | OR | ON  | 2005/03/03 15:33 |